

## ABSTRACT

There is provided a bar material supply device of a simple configuration suited to machining of a bar material without increasing machining cost even when a short bar material such as an end material is machined. The bar material supply device includes a stocker 12 for supplying a bar material w on an axis C of a spindle 230, a base 10 attached to a head stock 220, a push rod 15 disposed in the base 10 to move back and forth on the axis C and to push the bar material w fed from the stocker 12, a push rod guide 11 disposed in the base 10 to guide the back-and-forth movement of the push rod 15, a plurality of rollers arranged on both sides of the axis C of the base 10 to hold the push rod 15 on the axis C therebetween, one of the plurality of rollers being constituted as a driving roller 135 which is rotated by a driving body disposed in the base, and at least one of the other rollers excluding the driving roller 135 being constituted as a driven roller 132 which is rotated without any slippage with the push rod 15, and rotation detection means 133 for detecting the rotation of the driven roller 132.